

Attorney Docket No. 25636-702

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: LI Zhu et al.

Application No.: 09/602,373

Filed: June 23, 2000

For: Generation of Highly Diverse Library of Expression
Vectors via Homologous Recombination in Yeast

Group Art Unit: 1627

Examiner: Prasthofer, T. W.

AMENDMENT UNDER 37 C.F.R. §1.116Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants submit this Amendment under 37 C.F.R. §1.116 in response to the Examiner's Final Office Action mailed September 25, 2001 and to Applicants' telephone interview conducted with Examiner T. Prasthofer, Ph.D. on December 7, 2001.

Reconsideration of the above referenced application is respectfully requested in view of the following amendments and remarks.

Please amend the application as follows:

In the Claims

Please amend the following claims:

- 19 44. (Amended) The method of claim 1, wherein each insert nucleotide sequence in the library of insert nucleotide sequences is generated by an overlapping PCR process comprising:
- producing in a first PCR a first fragment comprising in a 5' to 3' order the 5'- flanking sequence, the first nucleotide sequence, and the linker sequence;
 - producing in a second PCR a second fragment comprising in a 3' to 5' order the 3'- flanking sequence, the second nucleotide sequence, and the linker sequence; and
 - assembling in a third PCR the first and second fragments into a single fragment through the overlapping linker sequence of both the first and the second fragments.